Change Record Detail With Description

Department of Administration

Scenario: FY2002-2003 Homeland Security Amended (2511)

Component: Information Technology Group (2082)

BRU: Information Technology Group (24)

Scenario/ Change Record Title	Trans Type	Totals	Personal Services	Travel	Contractual	Supplies	Equipment	Land/ Buildings	Grants Claims	Misc.	Positions PFT	PPT	NP

FY2002-2003 Homeland Security

Information Technology Security Manager

| | Inc | 180.0 | 180.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| 1004 Gen Fund | | 180.0 | | | | | | | | | | | |

Funding will be used to hire a state information technology security manager. $60.0 of the funding is for FY2002, the remaining 120.0 is for FY2003.

Information technology development and deployment in the State is very decentralized. ITG currently maintains a position for managing information security for mainframe applications but there is no person appointed to coordinate and manage information security on an enterprise basis across the data network and the various client server and LAN applications.
It is not unusual in today's open and mobile computing environment for a particular server to be targeted to cyber attacks and viruses. Once access is gained to a state server, it is frequently used to spawn additional attacks on other servers that are connected through the network. A central coordination point with good communications between agencies is critical to detecting and stopping the spread of these potentially damaging attacks.

Disaster Recovery Planning

| | Inc | 500.0 | 0.0 | 0.0 | 500.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| 1004 Gen Fund | | 500.0 | | | | | | | | | | | |

Disaster Recovery Planning for Information Systems is a critical component in ensuring information systems can be recovered in the event of disasters. A statewide plan that includes clear prioritization of systems, an assessment of the risk and criticality of the information and procedures and processes to recover in the event of a disaster are some of the components that would be addressed in a plan.

Totals		**680.0**	**180.0**	**0.0**	**500.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0**	**0**	**0**

State of Alaska
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Change Record Detail With Description

Department of Administration

Scenario: FY2002-2003 Homeland Security Amended (2511)

Component: Risk Management (71)

BRU: Risk Management (23)

Scenario/ Change Record Title	Trans Type	Totals	Personal Services	Travel	Contractual	Supplies	Equipment	Land/ Buildings	Grants Claims	Misc.	Positions		
											PFT	PPT	NP
FY2002-2003 Homeland Security													
Increased Costs for War Risk Insurance													
	Inc	1,202.0	0.0	0.0	1,202.0	0.0	0.0	0.0	0.0	0.0	0	0	0
1004 Gen Fund		1,202.0											

Funds are needed for the projected increased premium expense to continue insurance protection for the extended coverage of airport and aviation liability for acts of terrorism and sabotage etc., also known as "war risk" coverage.

Totals		1,202.0	0.0	0.0	1,202.0	0.0	0.0	0.0	0.0	0.0	0	0	0

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Change Record Detail With Description

Department of Administration

Scenario: FY2002-2003 Homeland Security Amended (2511)

Component: Motor Vehicles (2348)

BRU: Division of Motor Vehicles (265)

Scenario/ Change Record Title	Trans Type	Totals	Personal Services	Travel	Contractual	Supplies	Equipment	Land/ Buildings	Grants Claims	Misc.	Positions PFT	PPT	NP
FY2002-2003 Homeland Security													
DMV Alaska License & Vehicle Informtion Network (ALVIN) Programmer													
	Inc	113.0	85.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0	0	0
1004 Gen Fund		113.0											

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Scenario: FY2002-2003 Homeland Security Amended (2511)

Component: Motor Vehicles (2348)

BRU: Division of Motor Vehicles (265)

Scenario/ Change Record Title	Trans Type	Totals	Personal Services	Travel	Contractual	Supplies	Equipment	Land/ Buildings	Grants Claims	Misc.	Positions		
											PFT	PPT	NP

Funding will provide for an Analyst Programmer position and training for the new position well as other DMV programming staff. The position is needed for maintenance of the ALVIN mainframe computer system. This system is the backbone of the automated instant issue process used by Motor Vehicle field offices and business partners throughout the state.

Since the September 11, 2001 terrorist action, there has been considerable national discussion about identification issues. Because there is no national ID card system, and it seems unlikely that one will be put in place, state driver licenses continue to be the de facto identification system throughout North America. And, since Alaska is one of only three states that have not yet converted to digital driver licensing, it is even more essential that we speed up that conversion. Additionally, new federal security and haz-mat requirements for commercial driver licenses have been added. All these issues require immediate attention and additional programming resources.

In addition to these new homeland security type of issues, the following discussion describes numerous ongoing issues that need additional programming resources.

Laws enacted in recent years include driver license/DWI issues, records privacy, and boat registration. Each has had measurable impact on programming staff who must provide the analysis, design, programming, roll-out, and maintenance of these programs. Even when contractual programming funds are included in a fiscal note, the existing staff is impacted by the necessity to perform the analysis for the tasks associated with the contract, define the work, administer the contract and monitor the project. In the more complex system changes, such as boat registration, two DMV programmers were devoted full time to the assignment, in addition to the contractor, which left no time for other tasks to be performed. The remaining two programmers were left to deal with the division's daily system needs, problems, maintenance and the growing list of other projects for which attention is needed.

ALVIN is a legacy mainframe system in a world where the norm and the future are web-based. The lack of training for mainframe programming makes it difficult to retain mainframe programming staff. Mainframe programmer training is not readily available and is expensive to arrange. Staff must either travel to an approved training site or training specialists must be flown in, both, at great expense. The Division lacks funds for training. Programmer productivity is severely hindered when the processes for which they are responsible must be learned on the job.

DMV's systems are accessed by local, state and federal law enforcement and the courts. Our system must be able to provide current, accurate, real time information to meet their needs. There were numerous changes made when the ALVIN system was separated from the APSIN system and many of the data auditing processes inherent in APSIN are not present in ALVIN. The Division has been relying on manual checks and entries in order to attempt to maintain data integrity throughout ALVIN while tens of

Change Record Detail With Description

Department of Administration

Scenario: FY2002-2003 Homeland Security Amended (2511)

Component: Motor Vehicles (2348)

BRU: Division of Motor Vehicles (265)

Scenario/ Change Record Title	Trans Type	Totals	Personal Services	Travel	Contractual	Supplies	Equipment	Land/ Buildings	Grants Claims	Misc.	Positions PFT	PPT	NP

has been relying on manual checks and entries in order to attempt to maintain data integrity throughout ALVIN while tens of thousands of record updates are performed monthly. Manual checks are inadequate.

Nationally, our communications messaging system, processed through the Association of Motor Vehicle Administrators (AAMVA), relays Commercial and Problem Driver information, delivering it to and receiving it from all of the remaining states. This transmission system is being replaced by AAMVA and because the system is critical to DMV business, one programmer is devoted to this assignment full time for the next 2.5 years - the time it will take to convert our system. The vendor providing DMV's backend processing software link for Web Renewal processes will soon no longer support the programs. This also must be replaced within the next year and will add impact to other projects when staff is assigned.

Many new initiatives, such as, The National Motor Vehicle Title Program (a national vehicle title fraud prevention program) have no hope of being adopted in the next 3 to 5 years. Tasks such as the Single Customer Database necessary to tie Driver and Vehicle systems together are sidelined by the need for continued maintenance of current processes. Even if we were to contemplate a new system, we would have to ensure that the existing system was performing accurately before proceeding with the rewrite of the old one. DMV's existing IT workload and the IT demands facing the division cannot be met by the existing programming staff; additional staff and training are required.

Totals		**113.0**	**85.0**	**0.0**	**28.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0**	**0**	**0**

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